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**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/856,376A**

DATE: 09/29/1999  
TIME: 13:47:13

### **INPUT SET: S30855.raw**

This Raw Listing contains the General Information Section and up to the first 5 pages.

1 SEQUENCE LISTING

3 (1) General Information:

5 (i) APPLICANT: Chee, Mark  
6 Berno, Anthony  
7 Yang, Robert

9 (ii) TITLE OF INVENTION: Polymorphisms in Human Mitochondrial DNA

11 (iii) NUMBER OF SEQUENCES: 17

13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: Townsend and Townsend and Crew LLP  
15 (B) STREET: Two Embarcadero Center, Eighth Floor  
16 (C) CITY: San Francisco  
17 (D) STATE: California  
18 (E) COUNTRY: USA  
19 (F) ZIP: 94111-3834

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Floppy disk  
23 (B) COMPUTER: IBM PC compatible  
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

27 (vi) CURRENT APPLICATION DATA:

28 (A) APPLICATION NUMBER: US 08/856,376  
29 (B) FILING DATE: 14-MAY-1997  
30 (C) CLASSIFICATION:

32 (vii) PRIOR APPLICATION DATA:

33 (A) APPLICATION NUMBER: US 60/017,203  
34 (B) FILING DATE: 16-MAY-1996

36 (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 60/024,206  
(B) FILING DATE: 20-AUG-1996

40 (viii) ATTORNEY/AGENT INFORMATION:

11 (A) NAME: Liebeschuetz, Joe  
12 (B) REGISTRATION NUMBER: 37,505  
13 (C) REFERENCE/DOCKET NUMBER: 018547-025010US

45 (ix) TELECOMMUNICATION INFORMATION:

46 (A) TELEPHONE: (415) 576-0200

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/856,376ADATE: 09/29/1999  
TIME: 13:47:13**INPUT SET: S30855.raw**47 (B) TELEFAX: (415) 576-0300  
48  
4950 (2) INFORMATION FOR SEQ ID NO:1:  
5152 (i) SEQUENCE CHARACTERISTICS:  
53 (A) LENGTH: 41 base pairs  
54 (B) TYPE: nucleic acid  
55 (C) STRANDEDNESS: single  
56 (D) TOPOLOGY: linear  
5758 (ii) MOLECULE TYPE: DNA  
59  
6061 (ix) FEATURE:  
62 (A) NAME/KEY: -  
63 (B) LOCATION: 1..41  
64 (D) OTHER INFORMATION: /note= "primer L15935-T3"  
65  
6667 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
6869 CTCGGAATTA ACCCTCACTA AAGGAAACCT TTTTCCAAGG A 41  
70  
7172 (2) INFORMATION FOR SEQ ID NO:2:  
7374 (i) SEQUENCE CHARACTERISTICS:  
75 (A) LENGTH: 42 base pairs  
76 (B) TYPE: nucleic acid  
77 (C) STRANDEDNESS: single  
78 (D) TOPOLOGY: linear  
7980 (ii) MOLECULE TYPE: DNA  
81  
8283 (ix) FEATURE:  
84 (A) NAME/KEY: -  
85 (B) LOCATION: 1..42  
86 (D) OTHER INFORMATION: /note= "primer H667-T7"  
87  
8889 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
9091 TAATACGACT CACTATAGGG AGAGGCTAGG ACCAACCTA TT 42  
92  
9394 (2) INFORMATION FOR SEQ ID NO:3:  
9596 (i) SEQUENCE CHARACTERISTICS:  
97 (A) LENGTH: 15 base pairs  
98 (B) TYPE: nucleic acid  
99 (C) STRANDEDNESS: single

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100 (D) TOPOLOGY: linear  
101  
102 (ii) MOLECULE TYPE: DNA  
103  
104  
105 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
106  
107 GATGTCGGAT ACAGT  
108  
109  
110 (2) INFORMATION FOR SEQ ID NO:4:  
111  
112 (i) SEQUENCE CHARACTERISTICS:  
113 (A) LENGTH: 15 base pairs  
114 (B) TYPE: nucleic acid  
115 (C) STRANDEDNESS: single  
116 (D) TOPOLOGY: linear  
117  
118 (ii) MOLECULE TYPE: DNA  
119  
120  
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
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123 GATGTCGGCT ACAGT  
124  
125  
126 (2) INFORMATION FOR SEQ ID NO:5:  
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128 (i) SEQUENCE CHARACTERISTICS:  
129 (A) LENGTH: 15 base pairs  
130 (B) TYPE: nucleic acid  
131 (C) STRANDEDNESS: single  
132 (D) TOPOLOGY: linear  
133  
134 (ii) MOLECULE TYPE: DNA  
135  
136  
137 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
138  
139 GATGTCGGGT ACAGT  
140  
141  
142 (2) INFORMATION FOR SEQ ID NO:6:  
143  
144 (i) SEQUENCE CHARACTERISTICS:  
145 (A) LENGTH: 15 base pairs  
146 (B) TYPE: nucleic acid  
147 (C) STRANDEDNESS: single  
148 (D) TOPOLOGY: linear  
149  
150 (ii) MOLECULE TYPE: DNA  
151  
152



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206

207

208 (2) INFORMATION FOR SEQ ID NO:9:

209

210 (i) SEQUENCE CHARACTERISTICS:  
211 (A) LENGTH: 45 base pairs  
212 (B) TYPE: nucleic acid  
213 (C) STRANDEDNESS: single  
214 (D) TOPOLOGY: linear

215

216 (ii) MOLECULE TYPE: DNA

217

218

219 (ix) FEATURE:

220 (A) NAME/KEY: -  
221 (B) LOCATION: 1..45  
222 (D) OTHER INFORMATION: /note= "primer L14836-T3"

223

224

225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

226

227 AATTAACCCT CACTAAAGGG ATGAAACTTC GGCTCACTCC TTGGC

45

228

229

230 (2) INFORMATION FOR SEQ ID NO:10:

231

232 (i) SEQUENCE CHARACTERISTICS:  
233 (A) LENGTH: 47 base pairs  
234 (B) TYPE: nucleic acid  
235 (C) STRANDEDNESS: single  
236 (D) TOPOLOGY: linear

237

238 (ii) MOLECULE TYPE: DNA

239

240

241 (ix) FEATURE:

242 (A) NAME/KEY: -  
243 (B) LOCATION: 1..47  
244 (D) OTHER INFORMATION: /note= "primer RH1066-T7"

245

246

247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

248

249 TAATACGACT CACTATAGGG ATTCATCAT GCGGAGATGT TGGATGG

47

250

251

252 (2) INFORMATION FOR SEQ ID NO:11:

253

254 (i) SEQUENCE CHARACTERISTICS:  
255 (A) LENGTH: 20 base pairs  
256 (B) TYPE: nucleic acid  
257 (C) STRANDEDNESS: single  
258 (D) TOPOLOGY: linear

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**SEQUENCE VERIFICATION REPORT  
PATENT APPLICATION US/08/856,376A**

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***INPUT SET: S30855.raw***

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Original Text